

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20060127237".pn.	US-PGPUB; USPAT	OR	ON	2009/01/22 18:48
S2	15	("20020011437"   "4245509"   "4441374"   "4804519"   "4836038"   "5007297"   "5237385"   "5324924"   "5393673"   "5414259"   "5624846"   "5646727"   "5783450"   "6079313"   "6211956"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 17:55
S3	28	436/179.ccls. and (mass with spectro\$)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:33
S4	277	436/179.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:36
S5	354	422/100.ccls. and (mass with spectro\$)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:37
S6	223	436/180.ccls. and (mass with spectro\$)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:37
S7	319	250/288.ccls. and (dilution diluting dilute)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:45
S8	5	((PHILLIP) near2 (SHAW)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:51
S9	22	((PHILIP) near2 (MARRIOTT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:51
S10	26	S8 S9	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:52
S11	2	((PHILLIP) near2 (SHAW)). INV.	FPRS; EPO; JPO	OR	ON	2009/05/27 12:52
S12	8	((PHILIP) near2 (MARRIOTT)).INV.	FPRS; EPO; JPO	OR	ON	2009/05/27 12:52

S13	10	S11 S12	FPRS; EPO; JPO	OR	ON	2009/05/27 12:52
S14	15	("20020011437"   "4245509"   "4441374"   "4804519"   "4836038"   "5007297"   "5237385"   "5393673"   "5414259"   "5624846"   "5646727"   "5783450"   "6079313"   "6211956"   "6324924"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:55
S15	1	"5711871".pn.	US-PGPUB; USPAT	OR	ON	2010/02/27 15:49
S16	5	((PHILLIP) near2 (SHAW)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/07 15:08
S17	22	((PHILIP) near2 (MARRIOTT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/07 15:08
S18	1	11/264118	US-PGPUB; USPAT	OR	ON	2010/06/08 13:42
S19	348	250/288.ccls. and (dilution diluting dilute)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/09 10:50
S20	5	((PHILLIP) near2 (SHAW)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/27 10:14
S21	22	((PHILIP) near2 (MARRIOTT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/27 10:14
S22	26	S20 S21	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/27 10:14
S23	37	(US-20060263252-\$ or US- 20030122677-\$ or US- 20030087446-\$ or US- 20030032077-\$ or US- 20020148477-\$ or US- 20020120183-\$ or US- 20020072858-\$ or US- 20020067256-\$ or US- 20020059030-\$ or US- 20020026113-\$ or US- 20020002326-\$ or US- 20020013518-\$ or US- 20020076149-\$ or US- 20010028769-\$).did. or (US-6024923-\$ or US- 5597534-\$ or US-4489239-	US-PGPUB; USPAT	OR	ON	2010/07/29 14:05

		\$ or US-6407811-\$ or US-6160255-\$ or US-6025200-\$ or US-5993749-\$ or US-5938617-\$ or US-5745284-\$ or US-4637938-\$ or US-3984190-\$ or US-5331409-\$ or US-4871916-\$ or US-6579231-\$ or US-6558320-\$ or US-6413213-\$ or US-6295506-\$ or US-6225901-\$ or US-5959529-\$ or US-5840020-\$ or US-6261851-\$ or US-5570697-\$ or US-5015099-\$).did.				
S24	0	"117688".pn.	JPO	OR	ON	2010/07/29 14:41
S25	287	436/179.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 14:41
S26	2995	250/288.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 14:46
S27	353	250/288.ccls. and (dilution diluting dilute)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 15:06
S29	1	"4441374".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 15:35
S30	15	("20020011437"   "4245509"   "4441374"   "4804519"   "4836038"   "5007297"   "5237385"   "5324924"   "5393673"   "5414259"   "5624846"   "5646727"   "5783450"   "6079313"   "6211956"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 15:36
S32	1	"11006788".pn.	JPO	OR	ON	2010/07/29 15:38
S33	1	"4836038".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 15:41
S34	1	"6324924".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 15:43
S35	1	"5080866".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 15:49

S36	351	S27 not S25	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 18:27
S37	1	"5026159".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 18:46
S38	34	mass and spectro\$ and (dilution diluting dilute)	FPRS; EPO; JPO	OR	ON	2010/07/29 18:48
S40	2	("2002/0011437").URPN.	USPAT	OR	ON	2010/07/29 19:18
S41	20	("3567390"   "3979669"   "4148859"   "4794806"   "5351118"   "5407269"   "6007235").PN. OR ("6211956").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:20
S42	18	("2310459"   "2518619"   "2745350"   "3981360"   "4095921"   "4360321"   "4880361"   "5009574"   "5167181"   "5253981"   "5733105").PN. OR ("6079313").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:24
S43	20	("3918913"   "4224278"   "4274967"   "4737465"   "4837157"   "4913821"   "5011608"   "5093267"   "5277871").PN. OR ("5783450").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:25
S44	3	("4228930"   "4989976"). PN. OR ("5646727"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:27
S45	13	("4080171"   "5178771"   "5387524"   "H001310"). PN. OR ("5624846"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:28
S46	12	("3786249"   "4022876"   "5352893").PN. OR ("5414259").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:30

S47	41	("2563006"   "3224358"   "3586294"   "3883312"   "4097338"   "4357143"   "4414325"   "4432893"   "4451434"   "4458014"   "4481134"   "4503143"   "4525713"   "4526713"   "4550019"   "4588680"   "4636335"   "4650770"   "4652533"   "4665020"   "4700637"   "4703017"   "4780423"   "4793947"   "4842701"   "4900434"   "4978506"   "5102626"   "5149661"   "5198368"). PN. OR ("5393673"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:31
S48	1	"6324924".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:35
S49	12	("3747412"   "3901653"   "3972683"   "4069711"   "4532813"   "5001939"   "5007297"   "5247842"   "5316180"   "5501113"   "6060320").PN. OR ("6324924").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:35
S50	7	("4528158"   "4590165"   "4684251"   "4794806"   "4804519").PN. OR ("5237385").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:36
S51	16	("3790760"   "3854321"   "4199265"   "4227815"   "4287757"   "4779451"   "4794806"   "4842406"). PN. OR ("5007297"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:37
S52	54	("3530721"   "4068529"   "4311667"   "4478095"   "4577515"   "4756201"). PN. OR ("4836038"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:39
S53	14	("3615227"   "3816075"   "3864082"   "3994687"   "4361401"   "4441374"   "4512348"   "4590165"). PN. OR ("4804519"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:45

S54	14	("3615227"   "3816075"   "3864082"   "3994687"   "4361401"   "4441374"   "4512348"   "4590165"). PN. OR ("4804519"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:48
S55	27	("3234796"   "3271111"   "3552212"   "3615234"   "3846075"   "3935971"   "3964988"   "4108608"   "4204430").PN. OR ("4441374").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:48
S56	12	("3419358"   "3609040"   "3858450"   "3884802"   "3900289"   "3940995"). PN. OR ("4245509"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:51
S57	0	("2006/0104827").URPN.	USPAT	OR	ON	2010/07/29 19:51
S58	20	("3954411"   "4022575"   "4036062"   "4101275"   "4231990"   "4314824"   "4424276"   "4645647"   "4865992"   "4873057"   "5055260"   "5139956"   "5192509"   "5230863"   "5240681"   "5393492"   "5407832"   "5447692"   "5679575").PN. OR ("5928953").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:52
S59	35	("2977199"   "3186800"   "3192017"   "3398689"   "3668936"   "4120657"   "4273742"   "4333356"   "4441374"   "4486097"   "4695431").PN. OR ("5080866").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:56
S60	18	("4263406"   "4315754"   "4424276"   "4504443"   "4960711"   "5019515"   "5080866").PN. OR ("5221521").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:58
S61	39	("3805831"   "4036062"   "4036063"   "4070913"   "4095472"   "4279759"   "4348112"   "4408880"   "4507556"   "4633413"). PN. OR ("4794806"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:59

S62	39	("3805831"   "4036062"   "4036063"   "4070913"   "4095472"   "4279759"   "4348112"   "4408880"   "4507556"   "4633413"). PN. OR ("4794806"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 19:59
S63	13	("2879141"   "3690833"   "3694160"   "3700562"   "3723062").PN. OR ("4101275").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 20:00
S64	33	("4022575"   "4071324"   "4135881"   "4224033"   "4314824"   "4520108"   "4595496"   "4610544"   "4742716"   "4952372"   "5080866"   "5105851"   "5108928"   "5171530"   "5221519"   "5240856"   "5262049"   "5284773"   "5286652"   "5384093"   "5456882"   "5468643"). PN. OR ("5633168"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/29 20:01
S65	5	"7220383" "20030013199" "7531134" "6998095" "20050037517").pn.	US-PGPUB; USPAT	OR	ON	2010/07/30 10:23
S66	0	("2005/0037517").URPN.	USPAT	OR	ON	2010/07/30 10:24
S67	6	("20040168529"   "4036062"   "4095472"   "4186607"   "4271697"   "6153437"   "6526811"). PN.	USPAT	OR	ON	2010/07/30 10:25
S68	5	("4713772"   "5054309"   "5235186"   "5892458"   "6730517").PN.	USPAT	OR	ON	2010/07/30 10:25

S69	23	("4036590"   "4132605"   "4324621"   "4326940"   "4479852"   "4788700"   "4917777"   "5012052"   "5182131"   "5192403"   "5287168"   "5414259"   "5572024"   "5696378"   "5703360"   "5777214"   "5872357"   "5892458"   "5983734"   "6032513"   "6113769"   "6280602"   "6726824").PN. OR ("7531134").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 10:35
S70	22	("4132605"   "4324621"   "4479852"   "4713772"   "4917777"   "4975328"   "5012052"   "5054309"   "5182131"   "5192403"   "5235186"   "5414259"   "5572024"   "5696378"   "5703360"   "5777214"   "5872357"   "5892458"   "5983734"   "6032513"   "6280602"   "6730517").PN. OR ("7220383").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 12:36
S71	8	("20040168529"   "4036062"   "4095472"   "4186607"   "4271697"   "6153437"   "6526811").PN. OR ("6998095").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 12:36
S72	4	("20040033518"   "6140054"   "6472156"   "7081226").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 12:52
S73	1	"4279759".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 14:37
S74	15	("20020011437"   "4245509"   "4441374"   "4804519"   "4836038"   "5007297"   "5237385"   "5393673"   "5414259"   "5624846"   "5646727"   "5783450"   "6079313"   "6211956"   "6324924").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:30
S75	0	"sasaki.xa"	US-PGPUB; USPAT	OR	ON	2011/02/11 09:45



S76	0	"sasaki.xa."	US-PGPUB; USPAT	OR	ON	2011/02/11 09:45
S77	31	sasaki.xa.	US-PGPUB; USPAT	OR	ON	2011/02/11 09:45

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	436/179.ccls. and (mass with spectro\$).clm.	USPAT; UPAD	OR	ON	2011/02/11 15:46
L2	22	250/288.ccls. and (dilution diluting dilute).clm.	USPAT; UPAD	OR	ON	2011/02/11 15:46
L3	999	mass and spectro \$ and (dilution diluting dilute). clm.	USPAT; UPAD	OR	ON	2011/02/11 15:46
L4	38	436/180.ccls. and (mass with spectro\$).clm.	USPAT; UPAD	OR	ON	2011/02/11 15:47

**2/ 11/ 2011 5:23:33 PM****C:\ Documents and Settings\ ssasaki\ My Documents\ EAST\ Workspaces\ 10-524382.wsp**